## Thierry Douki

List of Publications by Year in descending order

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THIEDDY DOLLKI

#	Article	IF	CITATIONS
1	SN- and NS-puckered sugar conformers are precursors of the (6–4) photoproduct in thymine dinucleotide. Organic and Biomolecular Chemistry, 2022, 20, 2300-2307.	2.8	1
2	Proteomic Signatures of Microbial Adaptation to the Highest Ultraviolet-Irradiation on Earth: Lessons From a Soil Actinobacterium. Frontiers in Microbiology, 2022, 13, 791714.	3.5	1
3	DNA Damage. , 2022, , 1-6.		Ο
4	Seasonal Differences in the UVA/UVB Ratio of Natural Sunlight Influence the Efficiency of the Photoisomerization of (6â€4) Photoproducts into their Dewar Valence Isomers. Photochemistry and Photobiology, 2021, 97, 582-588.	2.5	3
5	Toxicity and chemical transformation of silver nanoparticles in A549 lung cells: dose-rate-dependent genotoxic impact. Environmental Science: Nano, 2021, 8, 806-821.	4.3	20
6	Glutathione conjugates of the mercapturic acid pathway and guanine adduct as biomarkers of exposure to CEES, a sulfur mustard analog. Analytical and Bioanalytical Chemistry, 2021, 413, 1337-1351.	3.7	5
7	Dark cyclobutane pyrimidine dimers are formed in the epidermis of Fitzpatrick skin types I/II and VI in vivo after exposure to solarâ€simulated radiation. Pigment Cell and Melanoma Research, 2021, 34, 575-584.	3.3	16
8	Wavelengths and temporal effects on the response of mammalian cells to UV radiation: Limitations of action spectra illustrated by genotoxicity. Journal of Photochemistry and Photobiology B: Biology, 2021, 217, 112169.	3.8	2
9	Synergistic or Antagonist Effects of Different UV Ranges Analyzed by the Combination Index: Application to DNA Photoproducts. Photochemistry and Photobiology, 2021, , .	2.5	0
10	Evidence for the systemic diffusion of (2-chloroethyl)-ethyl-sulfide, a sulfur mustard analog, and its deleterious effects in brain. Toxicology, 2021, 462, 152950.	4.2	9
11	Metabolism and genotoxicity of polycyclic aromatic hydrocarbons in human skin explants: mixture effects and modulation by sunlight. Archives of Toxicology, 2020, 94, 495-507.	4.2	5
12	Toxicity and DNA repair in normal human keratinocytes co-exposed to benzo[a]pyrene and sunlight. Toxicology in Vitro, 2020, 63, 104744.	2.4	11
13	Wavelength―and Tissueâ€dependent Variations in the Mutagenicity of Cyclobutane Pyrimidine Dimers in Mouse Skin. Photochemistry and Photobiology, 2020, 96, 94-104.	2.5	14
14	Pyrimidine (6â€4) Pyrimidone Photoproducts in UVAâ€Irradiated DNA: Photosensitization or Photoisomerization?. ChemPhotoChem, 2020, 4, 294-299.	3.0	8
15	Structural, biochemical and functional analyses of tRNA-monooxygenase enzyme MiaE from Pseudomonas putida provide insights into tRNA/MiaE interaction. Nucleic Acids Research, 2020, 48, 9918-9930.	14.5	9
16	Toxicity to RAW264.7 Macrophages of Silica Nanoparticles and the E551 Food Additive, in Combination with Genotoxic Agents. Nanomaterials, 2020, 10, 1418.	4.1	16
17	Guanine Radicals Induced in DNA by Low-Energy Photoionization. Accounts of Chemical Research, 2020, 53, 1511-1519.	15.6	33
18	Impairment of Base Excision Repair in Dermal Fibroblasts Isolated From Nevoid Basal Cell Carcinoma Patients. Frontiers in Oncology, 2020, 10, 1551.	2.8	1

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19	Oxidative Stress and Genotoxicity in Melanoma Induction: Impact on Repair Rather Than Formation of DNA Damage?. Photochemistry and Photobiology, 2020, 96, 962-972.	2.5	17
20	TiO2 genotoxicity: An update of the results published over the last six years. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 854-855, 503198.	1.7	12
21	Photoinduced DNA Lesions in Dormant Bacteria: The Peculiar Route Leading to Spore Photoproducts Characterized by Multiscale Molecular Dynamics**. Chemistry - A European Journal, 2020, 26, 14236-14241.	3.3	3
22	DNA Damage Kills Bacterial Spores and Cells Exposed to 222-Nanometer UV Radiation. Applied and Environmental Microbiology, 2020, 86, .	3.1	51
23	6â€Formylindolo[3,2â€b]carbazole ( <scp>FICZ</scp> ) is a Very Minor Photoproduct of Tryptophan at Biologically Relevant Doses of <scp>UVB</scp> and Simulated Sunlight. Photochemistry and Photobiology, 2019, 95, 237-243.	2.5	12
24	Influence of exposure dose, complex mixture, and ultraviolet radiation on skin absorption and bioactivation of polycyclic aromatic hydrocarbons ex vivo. Archives of Toxicology, 2019, 93, 2165-2184.	4.2	11
25	Radicals Generated in Tetramolecular Guanine Quadruplexes by Photoionization: Spectral and Dynamical Features. Journal of Physical Chemistry B, 2019, 123, 4950-4957.	2.6	21
26	Toxicological impact of acute exposure to E171 food additive and TiO2 nanoparticles on a co-culture of Caco-2 and HT29-MTX intestinal cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 402980.	1.7	45
27	A realistic human skin model to study benzo[a]pyrene cutaneous absorption in order to determine the most relevant biomarker for carcinogenic exposure. Archives of Toxicology, 2019, 93, 81-93.	4.2	22
28	DNA Damage. , 2019, , 1-6.		0
29	Quantitative analysis of UV photolesions suggests that cyclobutane pyrimidine dimers produced in mouse skin by UVB are more mutagenic than those produced by UVC. Photochemical and Photobiological Sciences, 2018, 17, 404-413.	2.9	20
30	Formation of UV-induced DNA damage contributing to skin cancer development. Photochemical and Photobiological Sciences, 2018, 17, 1816-1841.	2.9	276
31	The use of suction blisters to measure sunscreen protection against UVR-induced DNA damage. Journal of Photochemistry and Photobiology B: Biology, 2018, 179, 1-6.	3.8	6
30	Comparative study of diesel and biodiesel exhausts on lung ovidative stress and genetovicity in rats		
52	Environmental Pollution, 2018, 235, 514-524.	7.5	47
33	The Photochemistry of Unprotected DNA and DNA inside <i>Bacillus subtilis</i> Spores Exposed to Simulated Martian Surface Conditions of Atmospheric Composition, Temperature, Pressure, and Solar Radiation. Astrobiology, 2018, 18, 393-402.	7.5 3.0	47
33	<ul> <li>Comparative study of dieser and biodieser exhausts of hung oxidative stress and genotoxicity in facts.</li> <li>Environmental Pollution, 2018, 235, 514-524.</li> <li>The Photochemistry of Unprotected DNA and DNA inside <i>Bacillus subtilis </i>     Spores Exposed to Simulated Martian Surface Conditions of Atmospheric Composition, Temperature, Pressure, and Solar Radiation. Astrobiology, 2018, 18, 393-402.</li> <li>Persistence and Tolerance of DNA Damage Induced by Chronic UVB Irradiation of the Human Genome. Journal of Investigative Dermatology, 2018, 138, 405-412.</li> </ul>	7.5 3.0 0.7	47 10 21
33 34 35	<ul> <li>Comparative study of dieser and biodieser exhausts of hung oxidative stress and genotoxicity in fass. Environmental Pollution, 2018, 235, 514-524.</li> <li>The Photochemistry of Unprotected DNA and DNA inside <i>Bacillus subtilis </i> Spores Exposed to Simulated Martian Surface Conditions of Atmospheric Composition, Temperature, Pressure, and Solar Radiation. Astrobiology, 2018, 18, 393-402.</li> <li>Persistence and Tolerance of DNA Damage Induced by Chronic UVB Irradiation of the Human Genome. Journal of Investigative Dermatology, 2018, 138, 405-412.</li> <li>Solar simulated light exposure alters metabolization and genotoxicity induced by benzo[a]pyrene in human skin. Scientific Reports, 2018, 8, 14692.</li> </ul>	7.5 3.0 0.7 3.3	47 10 21 9

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37	Sub-optimal Application of a High SPF Sunscreen Prevents Epidermal DNA Damage in Vivo. Acta Dermato-Venereologica, 2018, 98, 880-887.	1.3	18
38	The AHR represses nucleotide excision repair and apoptosis and contributes to UV-induced skin carcinogenesis. Cell Death and Differentiation, 2018, 25, 1823-1836.	11.2	56
39	Energy Metabolism Rewiring Precedes UVB-Induced Primary Skin Tumor Formation. Cell Reports, 2018, 23, 3621-3634.	6.4	44
40	Insight in <scp>DNA</scp> Repair of <scp>UV</scp> â€induced Pyrimidine Dimers by Chromatographic Methods. Photochemistry and Photobiology, 2017, 93, 207-215.	2.5	25
41	Absorption of Low-Energy UV Radiation by Human Telomere G-Quadruplexes Generates Long-Lived Guanine Radical Cations. Journal of the American Chemical Society, 2017, 139, 10561-10568.	13.7	64
42	Impact of nanoparticles on DNA repair processes: current knowledge and working hypotheses. Mutagenesis, 2017, 32, 203-213.	2.6	49
43	Relative Contributions of <scp>UVB</scp> and <scp>UVA</scp> to the Photoconversion of (6â€4) Photoproducts into their Dewar Valence Isomers. Photochemistry and Photobiology, 2016, 92, 587-594.	2.5	18
44	Effect of C5-Methylation of Cytosine on the UV-Induced Reactivity of Duplex DNA: Conformational and Electronic Factors. Journal of Physical Chemistry B, 2016, 120, 4232-4242.	2.6	32
45	Oxidative DNA Damage and Repair in the Radioresistant Archaeon <i>Thermococcus gammatolerans</i> . Chemical Research in Toxicology, 2016, 29, 1796-1809.	3.3	16
46	Direct Oxidative Damage of Naked DNA Generated upon Absorption of UV Radiation by Nucleobases. Journal of Physical Chemistry Letters, 2016, 7, 3945-3948.	4.6	45
47	UV and ionizing radiations induced DNA damage, differences and similarities. Radiation Physics and Chemistry, 2016, 128, 92-102.	2.8	57
48	Sunlight-Induced DNA Damage: Molecular Mechanisms and Photoprotection Strategies. , 2016, , 49-77.		7
49	Molecular hydrogen attenuates radiation-induced nucleobase damage to DNA in aerated aqueous solutions. International Journal of Radiation Biology, 2016, 92, 536-541.	1.8	4
50	Inhibition of the formation of benzo[a]pyrene adducts to DNA in A549 lung cells exposed to mixtures of polycyclic aromatic hydrocarbons. Toxicology in Vitro, 2016, 35, 1-10.	2.4	21
51	Impact of topical application of sulfur mustard on mice skin and distant organs DNA repair enzyme signature. Toxicology Letters, 2016, 241, 71-81.	0.8	9
52	Oxidatively Generated Damage to Cellular <scp>DNA</scp> by <scp>UVB</scp> and <scp>UVA</scp> ÂRadiation <sup>,</sup> . Photochemistry and Photobiology, 2015, 91, 140-155.	2.5	249
53	Combination of AÎ <sup>2</sup> Secretion and Oxidative Stress in an Alzheimer-Like Cell Line Leads to the Over-Expression of the Nucleotide Excision Repair Proteins DDB2 and XPC. International Journal of Molecular Sciences, 2015, 16, 17422-17444.	4.1	14
54	A guanine-ethylthioethyl-glutathione adduct as a major DNA lesion in the skin and in organs of mice exposed to sulfur mustard. Toxicology Letters, 2015, 233, 1-7.	0.8	30

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55	Chemiexcitation of melanin derivatives induces DNA photoproducts long after UV exposure. Science, 2015, 347, 842-847.	12.6	421
56	DNA Photochemistry: Geometrically Unconstrained Pyrimidine (6–4) Pyrimidone Photoproducts Do Photoisomerize. Organic Letters, 2015, 17, 246-249.	4.6	11
57	The SPORES experiment of the EXPOSE-R mission: <i>Bacillus subtilis</i> spores in artificial meteorites. International Journal of Astrobiology, 2015, 14, 105-114.	1.6	29
58	N4â€Methylation of Cytosine Drastically Favors the Formation of (6â€4) Photoproducts in a <scp>TCG</scp> Context. Photochemistry and Photobiology, 2015, 91, 102-108.	2.5	6
59	Time course of skin features and inflammatory biomarkers after liquid sulfur mustard exposure in SKH-1 hairless mice. Toxicology Letters, 2015, 232, 68-78.	0.8	28
60	DNA Damage. , 2015, , 667-672.		0
61	Abstract LB-104: Excited electrons in melanin induce cyclobutane dimers in the dark. , 2015, , .		0
62	Contribution of Cytosine ontaining Cyclobutane Dimers to DNA Damage Produced by Photosensitized Triplet–Triplet Energy Transfer. Chemistry - A European Journal, 2014, 20, 5787-5794.	3.3	20
63	The significance of the <scp>D</scp> ewar valence photoisomer as a <scp>UV</scp> radiationâ€induced <scp>DNA</scp> photoproduct in marine microbial communities. Environmental Microbiology, 2014, 16, 1808-1820.	3.8	17
64	Solar UV Radiation-Induced DNA Bipyrimidine Photoproducts: Formation and Mechanistic Insights. Topics in Current Chemistry, 2014, 356, 249-275.	4.0	93
65	Effect of C5-Methylation of Cytosine on the Photoreactivity of DNA: A Joint Experimental and Computational Study of TCG Trinucleotides. Journal of the American Chemical Society, 2014, 136, 10838-10841.	13.7	58
66	First characterisation of a CPD-class I photolyase from a UV-resistant extremophile isolated from High-Altitude Andean Lakes. Photochemical and Photobiological Sciences, 2014, 13, 739-751.	2.9	32
67	DNA damage in internal organs after cutaneous exposure to sulphur mustard. Toxicology and Applied Pharmacology, 2014, 278, 39-44.	2.8	38
68	Theoretical and experimental study of the fragmentation of protonated uracil. Chemical Physics Letters, 2014, 605-606, 108-114.	2.6	22
69	Quantification of DNA Damage Using Mass Spectrometry Techniques. Physical Chemistry in Action, 2014, , 203-224.	0.6	0
70	Photo-Induced DNA Damage. , 2014, , 3561-3566.		0
71	DNA Damage. , 2014, , 1-7.		0
72	Photo-Induced DNA Damage. , 2014, , 1-6.		0

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73	Temporal and spatial features of the formation of DNA adducts in sulfur mustard-exposed skin. Toxicology and Applied Pharmacology, 2013, 273, 644-650.	2.8	28
74	The variety of UV-induced pyrimidine dimeric photoproducts in DNA as shown by chromatographic quantification methods. Photochemical and Photobiological Sciences, 2013, 12, 1286-1302.	2.9	103
75	UV-induced formation of the thymine-thymine pyrimidine (6-4) pyrimidone photoproduct — a DFT study of the oxetane intermediate ring opening. Photochemical and Photobiological Sciences, 2013, 12, 1509-1516.	2.9	13
76	Relative yields of monomeric and dimeric adducts induced by sulphur mustard in isolated and cellular DNA as determined by HPLC/tandem mass spectrometry. Toxicological and Environmental Chemistry, 2013, 95, 260-276.	1.2	18
77	An Abscisic Acid-Independent Oxylipin Pathway Controls Stomatal Closure and Immune Defense in Arabidopsis. PLoS Biology, 2013, 11, e1001513.	5.6	239
78	Combined Genotoxic Effects of a Polycyclic Aromatic Hydrocarbon (B(a)P) and an Heterocyclic Amine (PhIP) in Relation to Colorectal Carcinogenesis. PLoS ONE, 2013, 8, e58591.	2.5	50
79	The Extreme Variety of Genotoxic Response to Benzo[a]pyrene in Three Different Human Cell Lines from Three Different Organs. PLoS ONE, 2013, 8, e78356.	2.5	60
80	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. Highlights in Theoretical Chemistry, 2013, , 307-317.	0.0	0
81	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. , 2013, , 269-288.		0
82	Alzheimer's Disease-Associated Neurotoxic Peptide Amyloid-Β Impairs Base Excision Repair in Human Neuroblastoma Cells. International Journal of Molecular Sciences, 2012, 13, 14766-14787.	4.1	22
83	Melanoma induction by ultraviolet A but not ultraviolet B radiation requires melanin pigment. Nature Communications, 2012, 3, 884.	12.8	249
84	4-Demethylwyosine Synthase from Pyrococcus abyssi Is a Radical-S-adenosyl-l-methionine Enzyme with an Additional [4Fe-4S]+2 Cluster That Interacts with the Pyruvate Co-substrate. Journal of Biological Chemistry, 2012, 287, 41174-41185.	3.4	42
85	Photoinduced Damage to Cellular DNA: Direct and Photosensitized Reactions <sup>â€</sup> . Photochemistry and Photobiology, 2012, 88, 1048-1065.	2.5	247
86	Measurement of oxidatively generated base damage to nucleic acids in cells: facts and artifacts. Bioanalytical Reviews, 2012, 4, 55-74.	0.2	32
87	Titanium dioxide nanoparticles exhibit genotoxicity and impair DNA repair activity in A549 cells. Nanotoxicology, 2012, 6, 501-513.	3.0	183
88	Low doses of selenium specifically stimulate the repair of oxidative DNA damage in LNCaP prostate cancer cells. Free Radical Research, 2012, 46, 105-116.	3.3	50
89	Electronic Excitation Energy Transfer between Nucleobases of Natural DNA. Journal of the American Chemical Society, 2012, 134, 11366-11368.	13.7	66
90	Electronic Excited States Responsible for Dimer Formation upon UV Absorption Directly by Thymine Strands: Joint Experimental and Theoretical Study. Journal of the American Chemical Society, 2012, 134, 14834-14845.	13.7	133

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91	Resistance of Bacterial Endospores to Outer Space for Planetary Protection Purposes—Experiment PROTECT of the EXPOSE-E Mission. Astrobiology, 2012, 12, 445-456.	3.0	124
92	The specificity of UVA-induced DNA damage in human melanocytes. Photochemical and Photobiological Sciences, 2012, 11, 155-162.	2.9	72
93	Survival of Spores of the UV-Resistant <i>Bacillus subtilis</i> Strain MW01 After Exposure to Low-Earth Orbit and Simulated Martian Conditions: Data from the Space Experiment ADAPT on EXPOSE-E. Astrobiology, 2012, 12, 498-507.	3.0	66
94	Extremophilic Acinetobacter Strains from High-Altitude Lakes in Argentinean Puna: Remarkable UV-B Resistance and Efficient DNA Damage Repair. Origins of Life and Evolution of Biospheres, 2012, 42, 201-221.	1.9	62
95	Comparison of the mechanism of deamination of 5,6-dihydro-5-methylcytosine with other cytosine derivatives. Theoretical Chemistry Accounts, 2012, 131, 1.	1.4	5
96	Glutathione Depletion and Carbon Ion Radiation Potentiate Clustered DNA Lesions, Cell Death and Prevent Chromosomal Changes in Cancer Cells Progeny. PLoS ONE, 2012, 7, e44367.	2.5	36
97	Formation and Repair of UV-Induced DNA Damage. , 2012, , 1349-1392.		0
98	Effect of the chemical composition of organic extracts from environmental and industrial atmospheric samples on the genotoxicity of polycyclic aromatic hydrocarbons mixtures. Toxicological and Environmental Chemistry, 2011, 93, 941-954.	1.2	9
99	Base Pairing Enhances Fluorescence and Favors Cyclobutane Dimer Formation Induced upon Absorption of UVA Radiation by DNA. Journal of the American Chemical Society, 2011, 133, 5163-5165.	13.7	95
100	Effects of static magnetic field and cadmium on oxidative stress and DNA damage in rat cortex brain and hippocampus. Toxicology and Industrial Health, 2011, 27, 99-106.	1.4	42
101	Energy Dependence of Gold Nanoparticle Radiosensitization in Plasmid DNA. Journal of Physical Chemistry C, 2011, 115, 20160-20167.	3.1	50
102	TOX4 and its binding partners recognize DNA adducts generated by platinum anticancer drugs. Archives of Biochemistry and Biophysics, 2011, 507, 296-303.	3.0	36
103	Assessment of the Photoprotection Properties of Sunscreens by Chromatographic Measurement of DNA Damage in Skin Explants. Photochemistry and Photobiology, 2011, 87, 109-116.	2.5	39
104	Measurement of oxidatively generated base damage in cellular DNA. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 711, 3-12.	1.0	113
105	The toxicity redox mechanisms of cadmium alone or together with copper and zinc homeostasis alteration: Its redox biomarkers. Journal of Trace Elements in Medicine and Biology, 2011, 25, 171-180.	3.0	70
106	Survival of thermophilic and hyperthermophilic microorganisms after exposure to UV-C, ionizing radiation and desiccation. Archives of Microbiology, 2011, 193, 797-809.	2.2	45
107	Polycyclic aromatic hydrocarbons in binary mixtures modulate the efficiency of benzo[a]pyrene to form DNA adducts in human cells. Toxicology, 2011, 279, 36-44.	4.2	86
108	Individual Photosensitivity of Human Skin and UVA-Induced Pyrimidine Dimers in DNA. Journal of Investigative Dermatology, 2011, 131, 1539-1546.	0.7	37

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109	Oxidatively Generated Damage to DNA by UVA Radiation in Cells and Human Skin. Journal of Investigative Dermatology, 2011, 131, 1005-1007.	0.7	86
110	Oxidatively Generated Damage to DNA and Biomarkers. , 2011, , 579-604.		0
111	Genomic bipyrimidine nucleotide frequency and microbial reactions to germicidal UV radiation. Archives of Microbiology, 2010, 192, 521-529.	2.2	23
112	Oxidatively generated base damage to cellular DNA. Free Radical Biology and Medicine, 2010, 49, 9-21.	2.9	448
113	Aberrant repair of etheno–DNA adducts in leukocytes and colon tissue of colon cancer patients. Free Radical Biology and Medicine, 2010, 49, 1064-1071.	2.9	30
114	Influence of growth temperature and starvation state on survival and DNA damage induction in the marine bacterium Sphingopyxis alaskensis exposed to UV radiation. Journal of Photochemistry and Photobiology B: Biology, 2010, 100, 51-56.	3.8	10
115	Involvement of Mitochondrial Ferredoxin and Para-Aminobenzoic Acid in Yeast Coenzyme Q Biosynthesis. Chemistry and Biology, 2010, 17, 449-459.	6.0	100
116	UV photoreactions of the extremely haloalkaliphilic euryarchaeon Natronomonas pharaonis. FEMS Microbiology Ecology, 2010, 73, no-no.	2.7	11
117	Thymine cyclobutane dimers: the most frequent and persistent DNA lesions in skin exposed to both UVB and UVA. Expert Review of Dermatology, 2010, 5, 649-657.	0.3	Ο
118	Identification of Eukaryotic and Prokaryotic Methylthiotransferase for Biosynthesis of 2-Methylthio-N6-threonylcarbamoyladenosine in tRNA. Journal of Biological Chemistry, 2010, 285, 28425-28433.	3.4	111
119	Hydrolytic Deamination of 5,6-Dihydrocytosine in a Protic Medium: A Theoretical Study. Journal of Physical Chemistry A, 2010, 114, 1826-1834.	2.5	24
120	UV-Induced TA Photoproducts: Formation and Hydrolysis in Double-Stranded DNA. Journal of the American Chemical Society, 2010, 132, 10260-10261.	13.7	17
121	Post-translational Modification of Ribosomal Proteins. Journal of Biological Chemistry, 2010, 285, 5792-5801.	3.4	59
122	Conformational Control of TT Dimerization in DNA Conjugates. A Molecular Dynamics Study. Journal of Physical Chemistry B, 2010, 114, 5215-5221.	2.6	62
123	UVA-induced cyclobutane pyrimidine dimers in DNA: a direct photochemical mechanism?. Organic and Biomolecular Chemistry, 2010, 8, 1706.	2.8	120
124	Fluorescence of Natural DNA: From the Femtosecond to the Nanosecond Time Scales. Journal of the American Chemical Society, 2010, 132, 11834-11835.	13.7	97
125	Effects of static magnetic field exposure on antioxidative enzymes activity and DNA in rat brain. General Physiology and Biophysics, 2009, 28, 260-265.	0.9	26
126	Relative contribution of DNA strand breaks and DNA adducts to the genotoxicity of benzo[a]pyrene as a pure compound and in complex mixtures. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 671, 67-75.	1.0	90

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127	The role of the maturase HydG in [FeFe]â€hydrogenase active site synthesis and assembly. FEBS Letters, 2009, 583, 506-511.	2.8	134
128	DNA Damage, Repair and Photoadaptation in a <i>Xiphophorus</i> Fish Hybrid. Photochemistry and Photobiology, 2009, 85, 1384-1390.	2.5	16
129	Genotoxicity of atmospheric polycyclic aromatic hydrocarbons mixtures: From artificial to realistic mixtures. Toxicology Letters, 2009, 189, S136-S137.	0.8	Ο
130	Remarkable resistance to UVB of the marine bacterium Photobacterium angustum explained by an unexpected role of photolyase. Photochemical and Photobiological Sciences, 2009, 8, 1313-1320.	2.9	19
131	UV-Induced Structural Changes of Model DNA Helices Probed by Optical Spectroscopy. Journal of Physical Chemistry C, 2009, 113, 11747-11750.	3.1	8
132	Sensitized formation of oxidatively generated damage to cellular DNA by UVA radiation. Photochemical and Photobiological Sciences, 2009, 8, 903-911.	2.9	168
133	Influence of the metabolic properties of human cells on the kinetic of formation of the major benzo[a]pyrene DNA adducts. Journal of Applied Toxicology, 2008, 28, 579-590.	2.8	28
134	Genotoxicity of Combined Exposure to Polycyclic Aromatic Hydrocarbons and UVA—A Mechanistic Study. Photochemistry and Photobiology, 2008, 84, 1133-1140.	2.5	7
135	Differential repair of UVB-induced cyclobutane pyrimidine dimers in cultured human skin cells and whole human skin. DNA Repair, 2008, 7, 704-712.	2.8	79
136	Inhibition of S-phase progression triggered by UVA-induced ROS does not require a functional DNA damage checkpoint response in mammalian cells. DNA Repair, 2008, 7, 1500-1516.	2.8	42
137	A zinc-resistant human epithelial cell line is impaired in cadmium and manganese import. Toxicology and Applied Pharmacology, 2008, 230, 312-319.	2.8	15
138	Oxidatively Generated Damage to the Guanine Moiety of DNA: Mechanistic Aspects and Formation in Cells. Accounts of Chemical Research, 2008, 41, 1075-1083.	15.6	490
139	Cadmium-induced oxidative stress and DNA damage in kidney of pregnant female rats. Comptes Rendus - Biologies, 2008, 331, 426-432.	0.2	40
140	Effect of the GC content of DNA on the distribution of UVB-induced bipyrimidine photoproducts. Photochemical and Photobiological Sciences, 2008, 7, 794-801.	2.9	55
141	Selective one-electron oxidation of duplex DNA oligomers: reaction at thymines. Organic and Biomolecular Chemistry, 2008, 6, 916.	2.8	60
142	Influence of Static Magnetic Field on Cadmium Toxicity: Study of Oxidative Stress and DNA Damage in Pregnant Rat Tissues. Electromagnetic Biology and Medicine, 2008, 27, 393-401.	1.4	6
143	Low Glutathione Level Favors Formation of DNA Adducts to 4-Hydroxy-2( <i>E</i> )-nonenal, a Major Lipid Peroxidation Product. Chemical Research in Toxicology, 2008, 21, 2097-2105.	3.3	18
144	Combined NMR and DFT Studies for the Absolute Configuration Elucidation of the Spore Photoproduct, a UV-Induced DNA Lesion. Journal of the American Chemical Society, 2008, 130, 16978-16984.	13.7	44

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145	DNA Repair and Free Radicals, New Insights into the Mechanism of Spore Photoproduct Lyase Revealed by Single Amino Acid Substitution. Journal of Biological Chemistry, 2008, 283, 36361-36368.	3.4	62
146	Determination of new types of DNA lesions in human sperm. Zygote, 2008, 16, 9-13.	1.1	103
147	Preventive Effect of Zinc Against Cadmium-induced Oxidative Stress in the Rat Testis. Journal of Reproduction and Development, 2008, 54, 129-134.	1.4	132
148	Zinc supplementation ameliorates static magnetic field-induced oxidative stress in rat tissues. Environmental Toxicology and Pharmacology, 2007, 23, 193-197.	4.0	40
149	Cell surface expression of melanocortin-1 receptor on HaCaT keratinocytes and α-melanocortin stimulation do not affect the formation and repair of UVB-induced DNA photoproducts. Photochemical and Photobiological Sciences, 2007, 6, 585-593.	2.9	11
150	Characterization of the DNA repair spore photoproduct lyase enzyme from Clostridium acetobutylicum: A radical-SAM enzyme. Comptes Rendus Chimie, 2007, 10, 756-765.	0.5	12
151	Trapping of 4-hydroxynonenal by glutathione efficiently prevents formation of DNA adducts in human cells. Free Radical Biology and Medicine, 2007, 42, 1258-1269.	2.9	40
152	Analysis of Fluoroquinolone-mediated Photosensitization of 2′-Deoxyguanosine, Calf Thymus and Cellular DNA: Determination of Type-I, Type-II and Triplet-Triplet Energy Transfer Mechanism Contribution¶. Photochemistry and Photobiology, 2007, 73, 230-237.	2.5	6
153	DNA bipyrimidine photoproduct repair and transcriptional response of UV-C irradiated Bacillus subtilis. Archives of Microbiology, 2007, 188, 421-431.	2.2	18
154	Oxidatively Generated Damage to Cellular DNA: Mechanistic Aspects. , 2007, , 1-13.		6
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